



SIB 52 01 21

2021-02-05

SEAT FAILS TO INITIALIZE DUE TO MISSING END STOP

## MODEL

E-Series	Model Description
F33	4 Series Convertible
F44	2 Series Gran Coupe
F90	M5 Sedan
F95	X5 M Sports Activity Vehicle
F96	X6 M Sports Activity Coupe
G05	X5 Sports Activity Vehicle
G06	X6 Sports Activity Coupe
G07	X7 Sports Activity Vehicle
G12	7 Series Sedan
G30	5 Series Sedan
G32	640i xDrive Gran Turismo

## SITUATION

Front seat will not calibrate/initialize, and the stored faults cannot be deleted:

**802BCA** - Driver seat FAS: Seat position not sent due to missing or invalid calibration

**8029CA** - Passenger seat BFS: Seat position not sent due to missing or invalid calibration

## CAUSE

These faults can set if the factory-installed end stop (spacer) is removed from the seat rail assembly. On some BMW models this end stop is installed to limit the movement of the seat assembly. This ensures that occupants receive maximum protection from the air bag system.

- These end stops may not have been transferred over from the original rails during seat rail replacement. Replacement parts may not contain these model-specific end stops.
- A customer may have removed these stops to try and get the seat to move further rearward

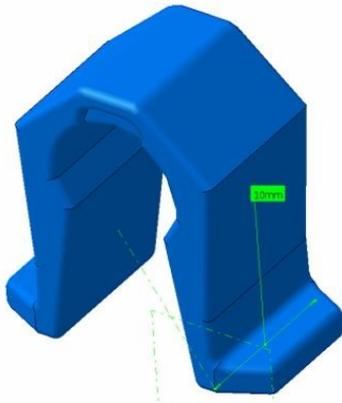
Once these end stops have been removed, the seat motor will attempt to move the seat beyond the programmed limit in the seat module. Once the hall sensor reading moves outside of the design window, and the seat is no longer in a position to protect the occupant in an accident, the seat module will not initialize.

## CORRECTION

1. If this occurs after seat rail replacement, and the new rail does not include the end stop, then swap the end stop from the original rail.
2. If this occurs after a customer has removed the end stop:
  - Request the customer supply the end stops for reinstallation if still available
  - Order end stop if available separately in ETK, see Parts section below.
  - If the end stop is not available separately in ETK then
    - it may only come with an entire seat rail assembly.
    - contact Parts Technical Support via a TTS TSARA case for support

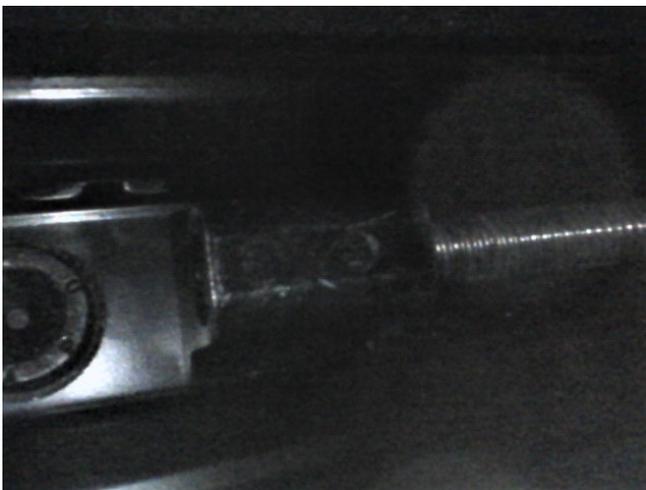
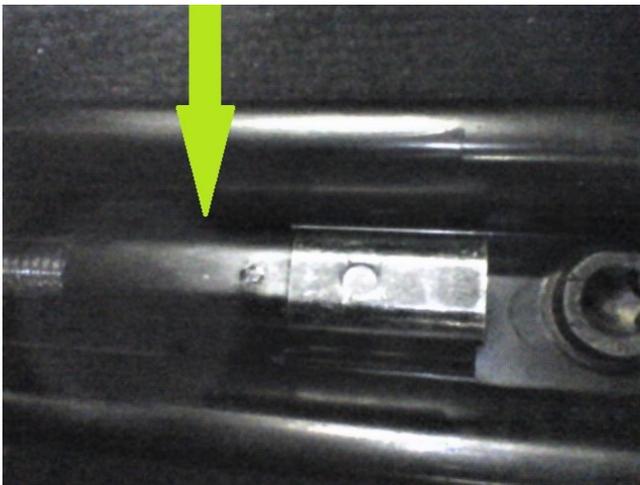
## INFORMATION

F90 G12 G30 spacer (arrow).



F95 F96 G05 G06 G07 spacer.

Top photo shows end stop (spacer) installed, lower photo shows rail minus the spacer.



F44 spacer.

Top photo shows end stop (spacer) installed, lower photo shows rail minus the spacer.

If there are other models or end stops not pictured that you want to have added to this bulletin, please submit an INFO ONLY TSARA case.

**PARTS INFORMATION**

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Part Number	Description	Quantity
52 10 7 382 009	SPACER seat Rail End Stop F90 G12 G30	2 per seat

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52 10 7 469 879	SPACER seat Rail End Stop F95 F96 G05 G06 G07	2 per seat
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## **WARRANTY INFORMATION**

For information only.

## **QUESTIONS REGARDING THIS BULLETIN**

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal
Parts inquiries	Submit an IDS ticket to the Parts Department